

10 / 501566

DT04 Rec'd PCT/PTO

Approved for use through 07/31/2006, OMB 0651-0031

Approved for use through 07/31/2000. GMB-003-F003  
**U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**  
in a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

She

1

3

**U. S. PATENT DOCUMENTS**

---

**FOREIGN PATENT DOCUMENTS**

---

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>a</sup> Number <sup>b</sup> Kind Code <sup>c</sup> (# known)	MM-DD-YYYY		T#
/JL/	A5	WO 02/33087 A2	04/25/2002	Curagen Corp.	
	A6	WO 02/077237 A2	10/03/2002	Incyte Genomics, Inc.	
	A7	WO 02/04520 A2	01/17/2002	Incyte Genomics, Inc.	
	A8	WO 02/101045 A2	12/19/2002	Novartis AG	
	A9	WO 02/00722 A2	01/03/2002	Millennium Pharm.	
JL/	A10	WO 02/12340 A2	02/14/2002	Incyte Genomics, Inc.	

Examiner Signature	/Jon Lockard/	Date Considered	02/07/2008
-----------------------	---------------	--------------------	------------

<sup>4</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>5</sup>Applicant's unique citation designation number (optional). <sup>6</sup>Sets Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4. <sup>7</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>8</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>9</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>10</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

10/501566

DT04 Rec'd PCT/PTO 1-5 JUL 2004

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. PATENT AND TRADEMARK OFFICE, U.S. DEPARTMENT OF COMMERCE

<p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>	<p><b>Complete If Known</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application Number</td> <td>Based on PCT/JP03/00311</td> </tr> <tr> <td>Filing Date</td> <td>Int'l. Filing 16 JANUARY 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Y. UNO</td> </tr> <tr> <td>Art Unit</td> <td>1647</td> </tr> <tr> <td>Examiner Name</td> <td>Jon M. Lockard</td> </tr> <tr> <td>Attorney Docket Number</td> <td>2015 USPQ</td> </tr> </table>	Application Number	Based on PCT/JP03/00311	Filing Date	Int'l. Filing 16 JANUARY 2003	First Named Inventor	Y. UNO	Art Unit	1647	Examiner Name	Jon M. Lockard	Attorney Docket Number	2015 USPQ
Application Number	Based on PCT/JP03/00311												
Filing Date	Int'l. Filing 16 JANUARY 2003												
First Named Inventor	Y. UNO												
Art Unit	1647												
Examiner Name	Jon M. Lockard												
Attorney Docket Number	2015 USPQ												

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Sheet 2 of 3

## **FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No.	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JL/	A11	WO 02/44210 A2	06/06/2002	Bristol-Myers Squibb

Examiner Signature	/Jon Lockard/	Date Considered	02/07/2008
--------------------	---------------	-----------------	------------

<sup>4</sup>EXAMINER: Initial filer reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include filer copy of this form with new communication to applicant.<sup>5</sup>Applicant's unique citation designation number (optional).<sup>6</sup>See Kinds Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.4.<sup>7</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>8</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>9</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.<sup>10</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (or by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments or the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

10/501566

DEA Rec'd PCT/PTO 07/15/2004

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		<b>Application Number</b>	Based on PCT/JP03/00311
		<b>Filing Date</b>	Intl. Filing 16 JANUARY 2003
		<b>First Named Inventor</b>	Yumiko UNO
		<b>Art Unit</b>	Iba 1647
		<b>Examiner Name</b>	Iba Jon M. Lockard
Sheet	3	of	3
		Attorney Docket Number 3015 US0P	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JUL	A12	J. KAWAI, et al., "Functional annotation of a full-length mouse cDNA collection", Nature, (2001), pp. 685-686, Vol. 409	✓
	A13	J. ORLOWSKI, et al., "Molecular Cloning of Putative Members of the Na/H Exchanger Gene Family", The Journal of Biological Chemistry, (1992), pp. 9331-9339, Vol. 267, No. 13	✓
	A14	M. HALLECK, et al., "Differential expression of putative transbilayer amphipath transporters", Physiological Genomics, (1999), pp. 139-150, Vol. 1, No. 3	✓
	A15	M. WONG, et al., "Identification of a Mutation in the Ileal Sodium-dependent Bile Acid Transporter Gene That Abolishes Transport Activity", The Journal of Biological Chemistry, (1995), pp. 27228-27234, Vol. 270, No. 45	✓
VUL	A16	P. CARNINCI, et al., "High-efficiency full-length cDNA cloning", Gen Bank #BAB31203, (July 10, 2000)	✓

Examiner Signature	/Jon Lockard/	Date Considered	02/07/2008
--------------------	---------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*\*Applicant's signature or digital designation number (optional). \* Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is provided by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.